



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/GB93/02367</p> <p>(22) International Filing Date: 17 November 1993 (17.11.93)</p> <p>(30) Priority data:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">9224057.1</td> <td style="width: 30%;">17 November 1992 (17.11.92)</td> <td style="width: 40%;">GB</td> </tr> <tr> <td>9304677.9</td> <td>8 March 1993 (08.03.93)</td> <td>GB</td> </tr> <tr> <td>9304680.3</td> <td>8 March 1993 (08.03.93)</td> <td>GB</td> </tr> <tr> <td>9311047.6</td> <td>28 May 1993 (28.05.93)</td> <td>GB</td> </tr> <tr> <td>9313763.6</td> <td>2 July 1993 (02.07.93)</td> <td>GB</td> </tr> <tr> <td>9316099.2</td> <td>3 August 1993 (03.08.93)</td> <td>GB</td> </tr> <tr> <td>9321344.5</td> <td>15 October 1993 (15.10.93)</td> <td>GB</td> </tr> </table> <p>(71) Applicant (for all designated States except US): LUDWIG INSTITUTE FOR CANCER RESEARCH [GB/GB]; St. Mary's Hospital Medical School, Norfolk Place, Paddington, London W2 1PG (GB).</p>			9224057.1	17 November 1992 (17.11.92)	GB	9304677.9	8 March 1993 (08.03.93)	GB	9304680.3	8 March 1993 (08.03.93)	GB	9311047.6	28 May 1993 (28.05.93)	GB	9313763.6	2 July 1993 (02.07.93)	GB	9316099.2	3 August 1993 (03.08.93)	GB	9321344.5	15 October 1993 (15.10.93)	GB																																																					
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<p>(57) Abstract</p> <p>A new receptor family has been identified, of activin-like kinases. Novel proteins have activin/TGF-β-type I receptor functionality, and have consequential diagnostic/therapeutic utility. They may have a serine/threonine kinase domain, a DFKSRN or DLKSKN sequence in subdomain VIB and/or a GTKRYM sequence in subdomain VIII.</p>																																																																												